Postal

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NWG/RFC #485
References NWG/RFC #473

John R. Pickens (JRP)
UCSB
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MIX and MIXAL at UCSB

The following, in response to David Walden's MIX query (RFC#473) was written by a graduate student at UCSB. Questions regarding "cheap" usage should be directed to Roland F. Bryan (RFB) at UCSB.

Mark Scott Johnson
18 March 1973

I wrote a MIXAL assembler and a MIX simulator last summer. The assembler is written in SNOBOL4 and, unfortunately, is fairly expensive to run. The assembler has been fairly well debugged and is documented. However, although the MIX simulator is written (in 360 Assembler), it has only been partially debugged. Due to the resumption of school and other commitments, I was unable to give the simulator a thorough debugging. All the simulated instructions except I/O instructions have been tested somewhat and appear to be operating well. Also, card reader input and printer output are operational, but my simulation of disk files and magnetic tape has not been completed. There is presently no documentation for the simulator. Very little documentation is needed, however, since the simulator follows almost to the letter the specifications detailed in Fundamental Algorithms.

If anyone is interested in using the assembler and/or the simulator, I will be happy to supply what documentation exists plus some information on how the programs can be accessed. Also, if anyone is interested in the source code for the programs, I will be happy to send it. I hope to be able to finish the simulator this next quarter. If anyone wants to use the system and if they should find any bugs, I will do my best to maintain and correct the programs.